

FORMAX[®]

FD 415

Cut Sheet Burster

OPERATOR /
MAINTENANCE MANUAL
FIRST EDITION

Preface

Thank you very much for your purchase of our CUT SHEET BURSTER

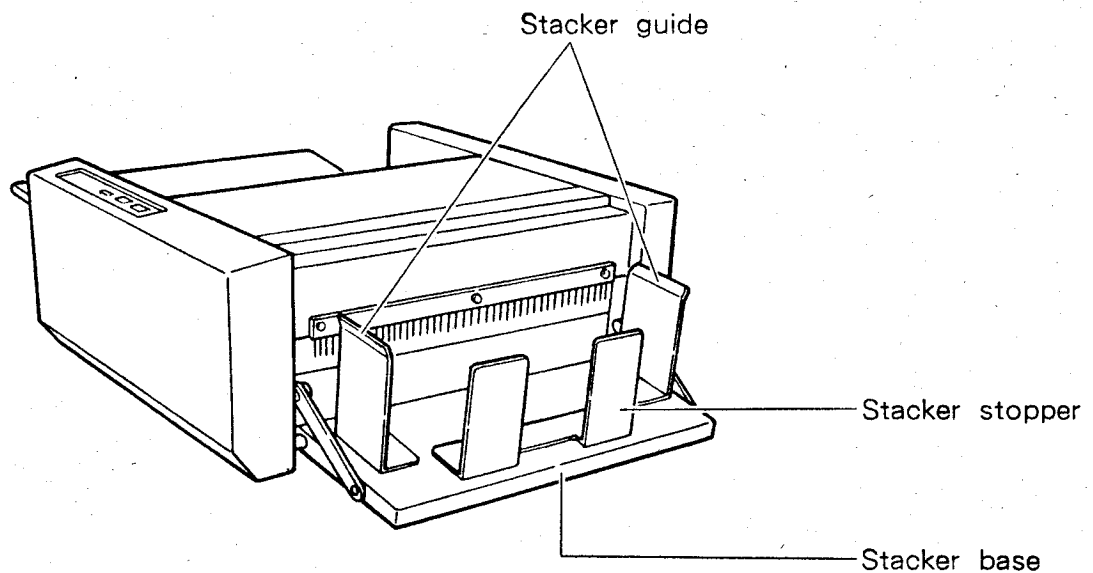
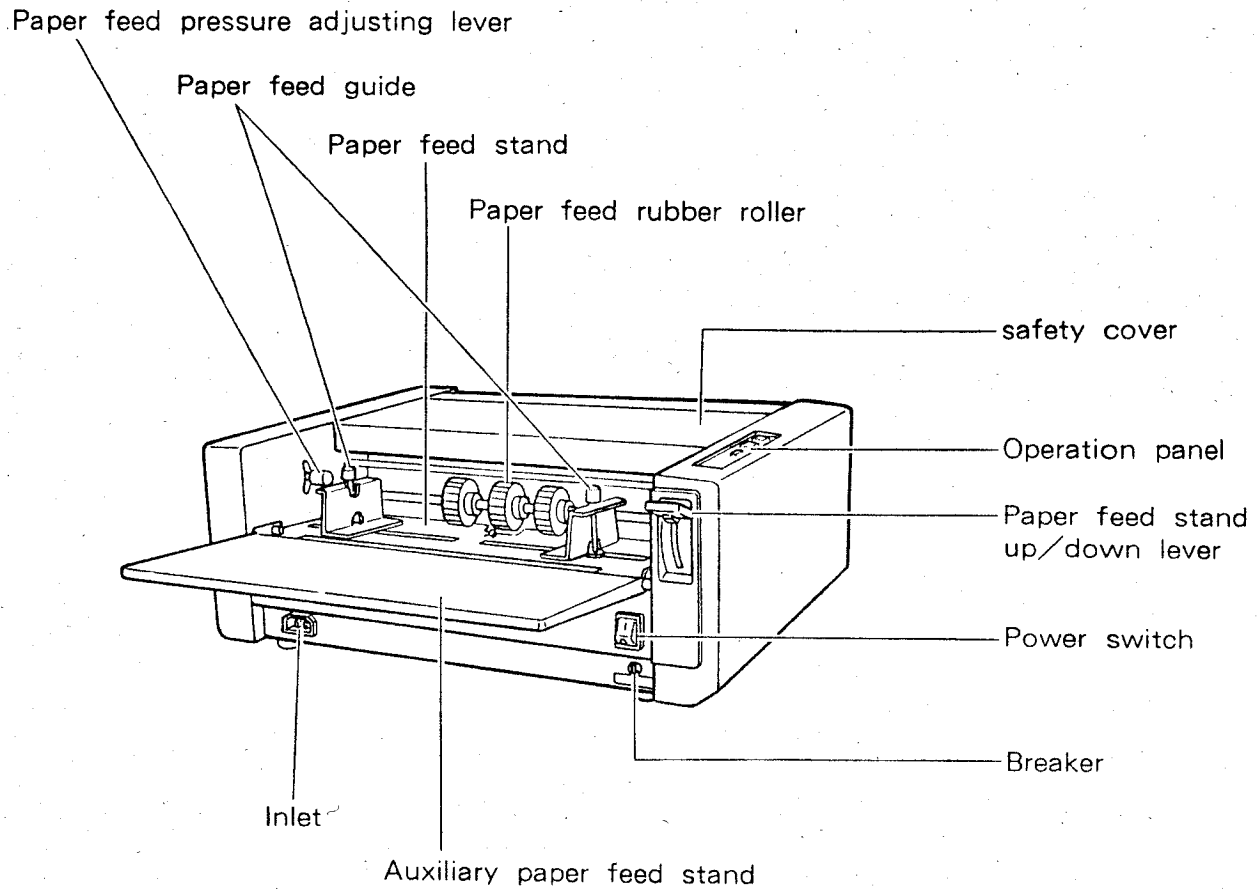
This machine is one of our products developed by our experience and technology in the office apparatuses for a long time.

Please read this operation manual sufficiently and understand how to use this machine before operating the machine.

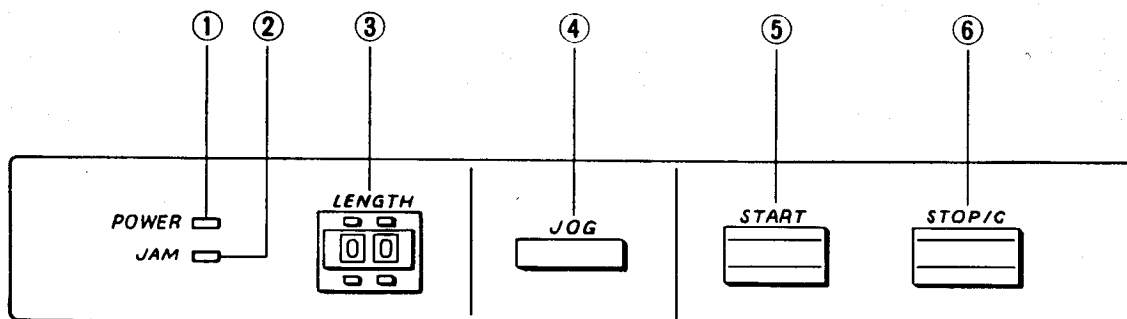
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1. Name of each part



2. Name of operation panel part and function

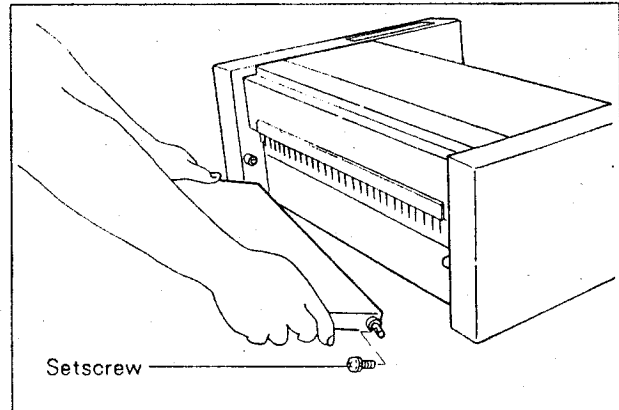


No.	Name	Function
①	Power Indicator	Lights up when power is on.
②	Jam Indicator	Lights up if paper is jammed or is not cut in the machine. When this indicator lights up, the machine will stop operation.
③	Length Switch	Use to set a paper cut size.
④	Jog Button	Press to run the machine at a low speed. Even if the safety cover is opened, the machine will run slowly during which this button is depressed.
⑤	Start Button	Press to start operation. This button is inoperative when the jam indicator is lit.
⑥	Stop/C Button	Press to stop operation. When this button is pressed while the jam indicator is lit, the indicator will be reset.

3. Operation procedure

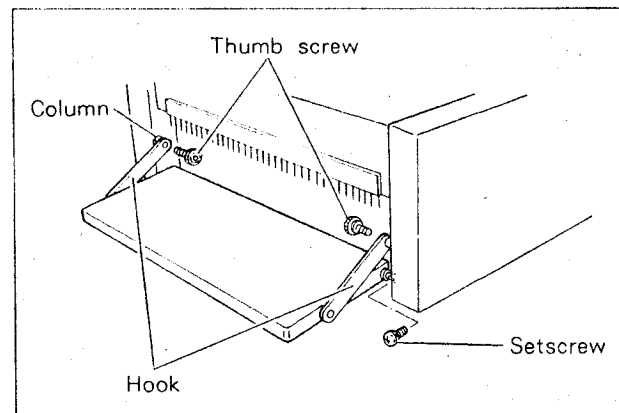
3-1 Preparation before operation

- 1 Installation of stacker base
Remove a setscrew from the right side of the stacker base, and insert the stand axis into the holes of the machine frame on the both side.

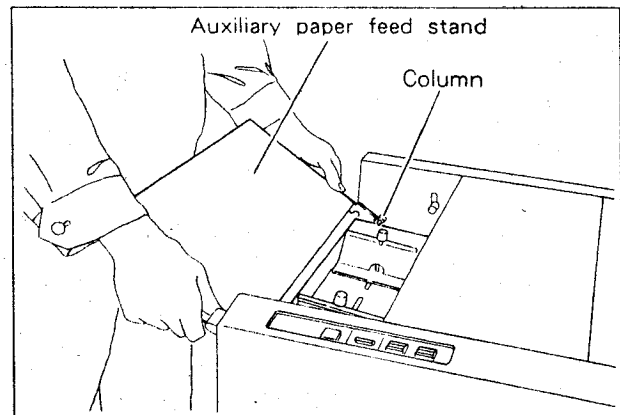


Attach the right and left hooks to the columns, and fit thumb screws into the columns.

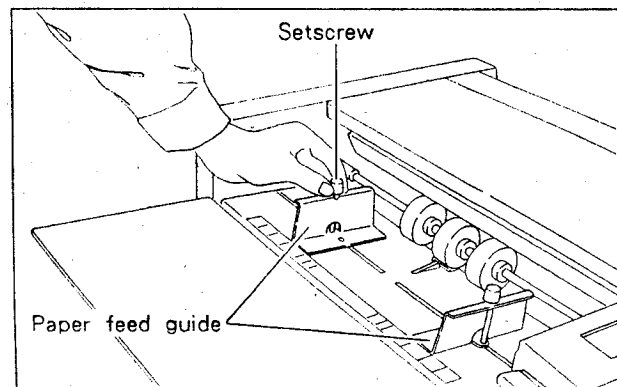
Fit the setscrew into the axis.



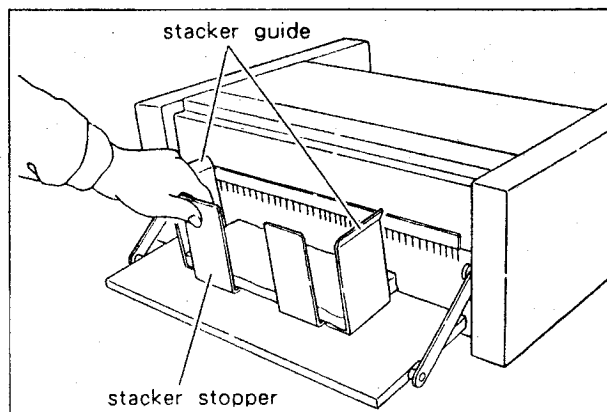
- 2 Installation of auxiliary paper feed stand
Insert the tip of the auxiliary paper feed stand into the right and left columns of the paper feed part of the main body. Then, set the auxiliary paper feed stand downwards.



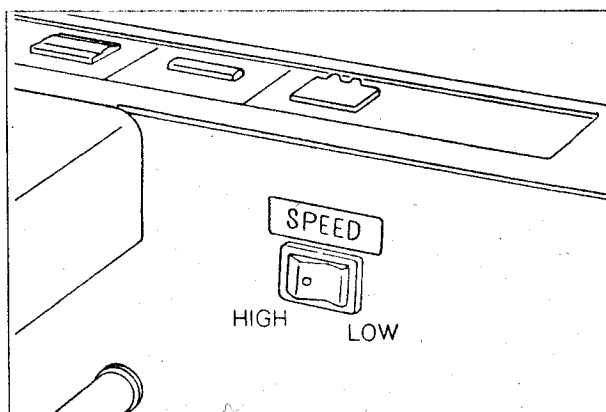
- 3 Preparation of paper feed stand
Adjust the paper feed guides at both sides to the scale for the paper size.



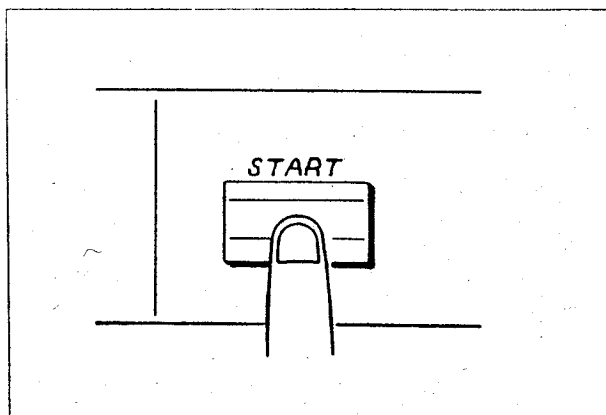
- 4** Preparation of stacker base
Set the stacker stopper and the stacker guide wider than the cut paper about 3cm.



- 5** Speed selection
Set the speed select switch to LOW when the cut size is less than 5", and to HIGH when the cut size is more than 5".

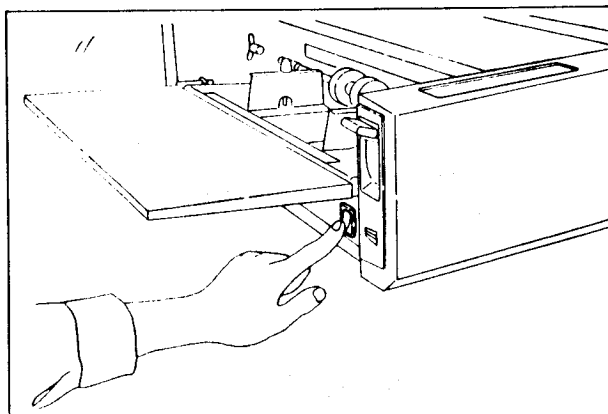


- 6** Start of operation
Touch the start button and start the operation.

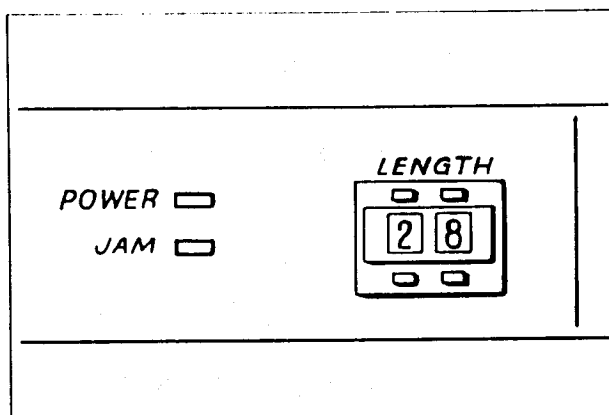


3-2 Start of operation

- 1 Turn on the power supply switch.
Insert the attached power supply cord into the inlet of the main body. Insert the plug of the power supply cord into the electric outlet.
Turn on the power supply switch. Touch the [I] side of the switch.



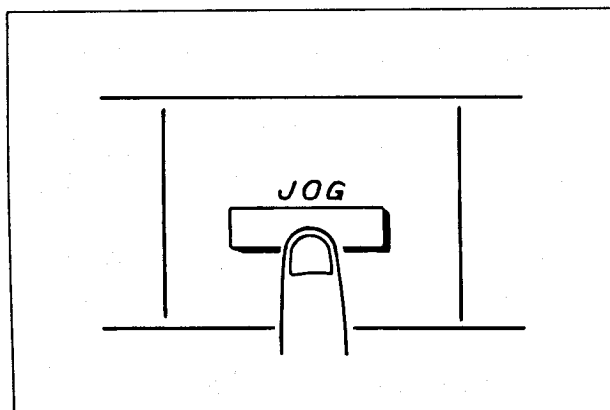
- 2 Set the length switch according to the paper cut size.
The switch allows adjusting the paper cut size in 0.1".



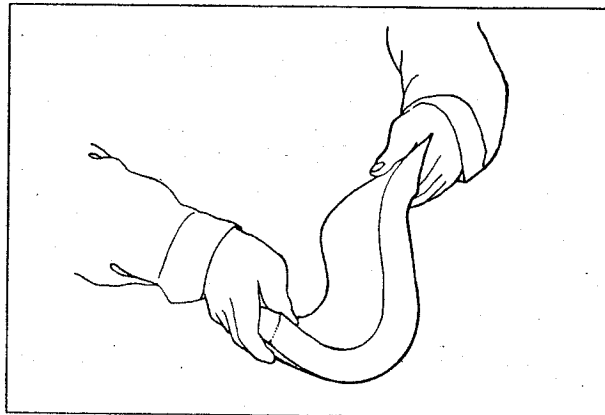
Example:

PAPER SIZE	NUMBER OF CUTS	FINISHED SIZE	LENGTH SWITCH
8 1/2" × 11"	4 cuts	8 1/2" × 2 3/4"	2 8
8 1/2" × 11"	3 cuts	8 1/2" × 3 2/3"	3 7
8 1/2" × 11"	2 cuts	8 1/2" × 5 1/2"	5 5
8 1/2" × 14"	2 cuts	8 1/2" × 7"	7 0

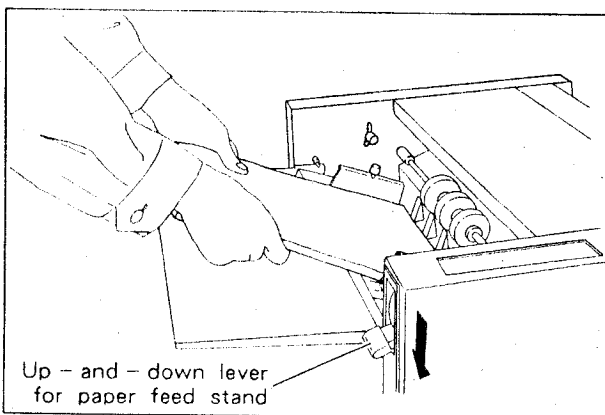
- 3 Press the jog button to check for proper cutting.
Paper will be fed at a low speed during which this button is depressed.



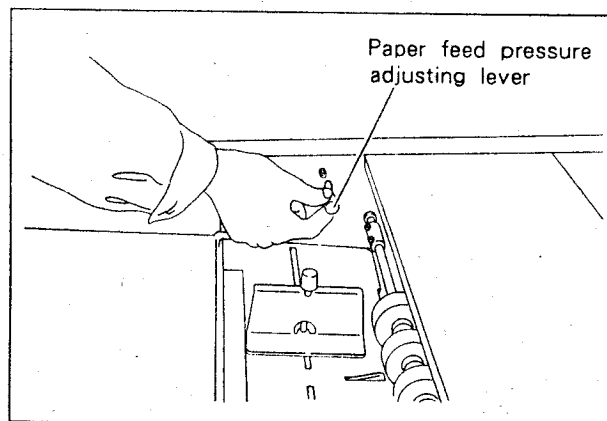
- 4** Riffle loosen up paper to prevent paper jams or misfeeds.



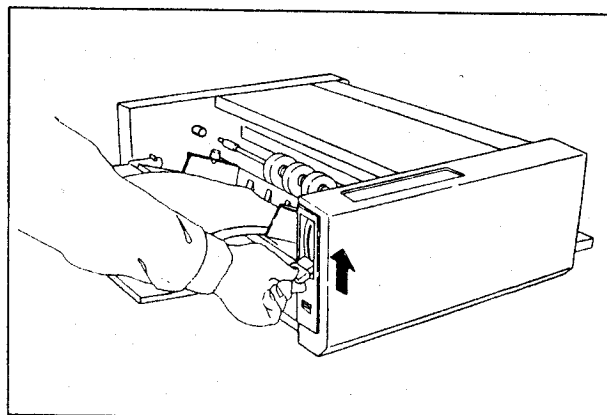
- 5** Preparation of paper
Lower the up - and - down lever for the paper feed stand and put the paper to be cut on the paper feed stand. Readjust the paper feed guides at both sides without pressing the paper to be cut. Then, tighten the setscrew.



- 6** Adjustment of paper feed pressure
Adjust the paper feed pressure to the thickness of paper. Usually it is set to the "NORMAL" position.



- 7** Raise the up - and - down lever for the paper feed stand.



4. Advice corner

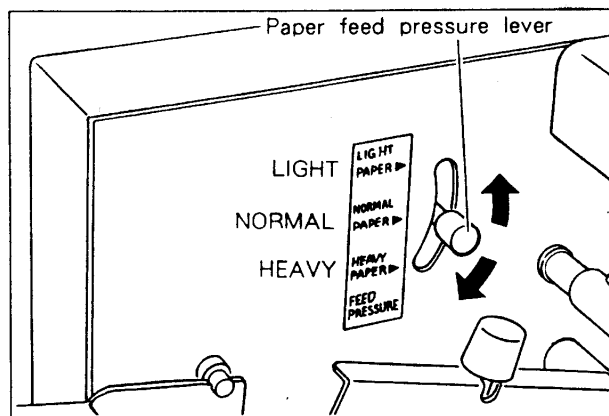
4-1 Paper Misfeeds

When more than one sheet of paper is fed at a time,

set the paper feed pressure lever to the "LIGHT" position.

When no paper is fed, set the paper feed pressure lever to the "HEAVY" position.

Paper feed pressure lever

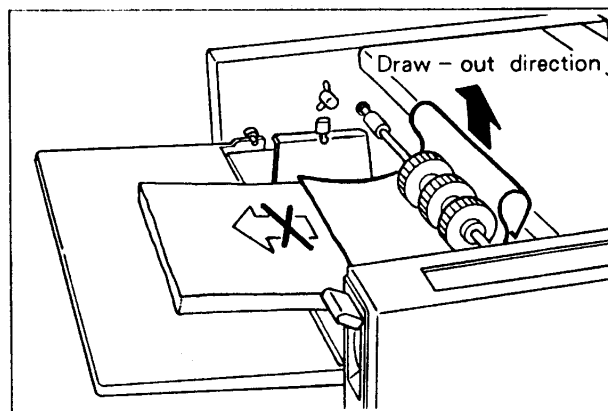


4-2 Paper jams

Paper feed section

[ACTION]

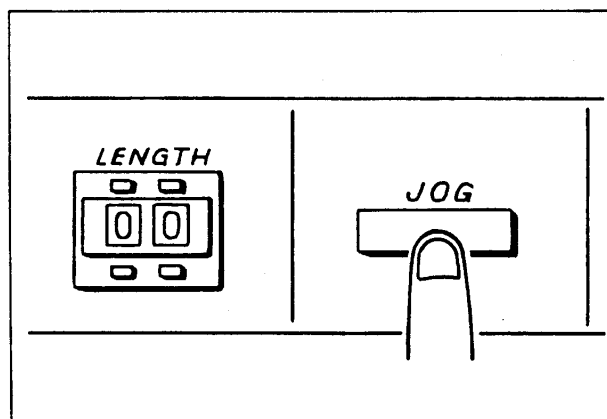
Remove jammed paper.



Paper cut section

When paper is jammed between rubber rollers, proceed as follows :

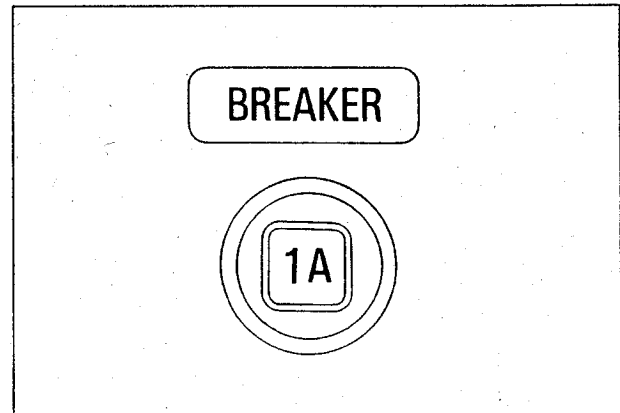
Set the length switch to [00], and then press the jog button to discharge jammed paper.



4-3 When breaker activated and machine stopped :

When the paper jams or when an excessive load is placed on the machine, the breaker functions and the machine stops to assure safety, so take the following measures.

- Press the breaker button after examining the cause thoroughly and confirming safety.
- As the power supply is turned ON again, the operation can resumed.



5. Specification and accessories

1. Specification

Paper size :	max. 11" × 17" min. 4" × 5"
Paper weight (g/m ²) :	64 - 157
Cut width :	2.5" ~ 9.9" (Adjustable in 0.1")
Cutting method :	Burst
Paper feeding :	Via rubber ring
Feed pressure :	Adjustable (3 positions according to thin, normal, or thick paper)
Tray capacity :	500 sheets for 64 g/m ² high - quality paper
Cutting speed :	HIGH : 140 sheets/min LOW : 90 sheets : 90 sheets/min (at sheet with 11")
Stacker :	Drop type
Available functions :	am detection and automatic stop, Monitor display, Automatic stop at last sheet . Safety cover with interlocking mechanism
Dimensions (mm) :	Machine body : 403 (W) × 482 (D) × 222 (H) Paper receiving stand attached : + 146 (D) Paper feed stand attached : + 185 (D)
Weight :	25kg
Power source :	120V AC, 60Hz
Power consumption :	63W (0.75A)
Operating conditions :	Temperature : 5 ~ 40 Rel. humidity : 20 ~ 80 %, no condensation

2. Accessories

Electric power supply cord	1	Paper receiving guide	2
Auxiliary paper feed plate	1	Paper receiving stopper	1
Paper receiving stand	1	Operation manual	1

Note) The specification and the described items subject to change without notice.

1.

I Feeding Mechanism I

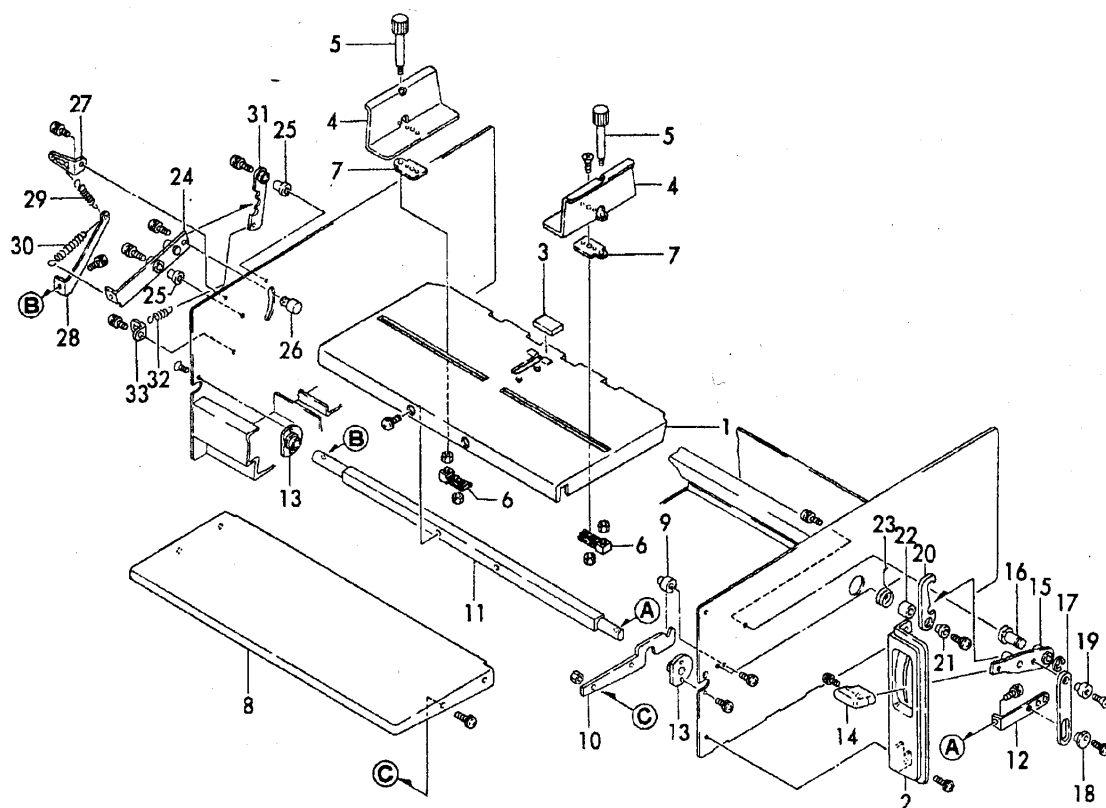
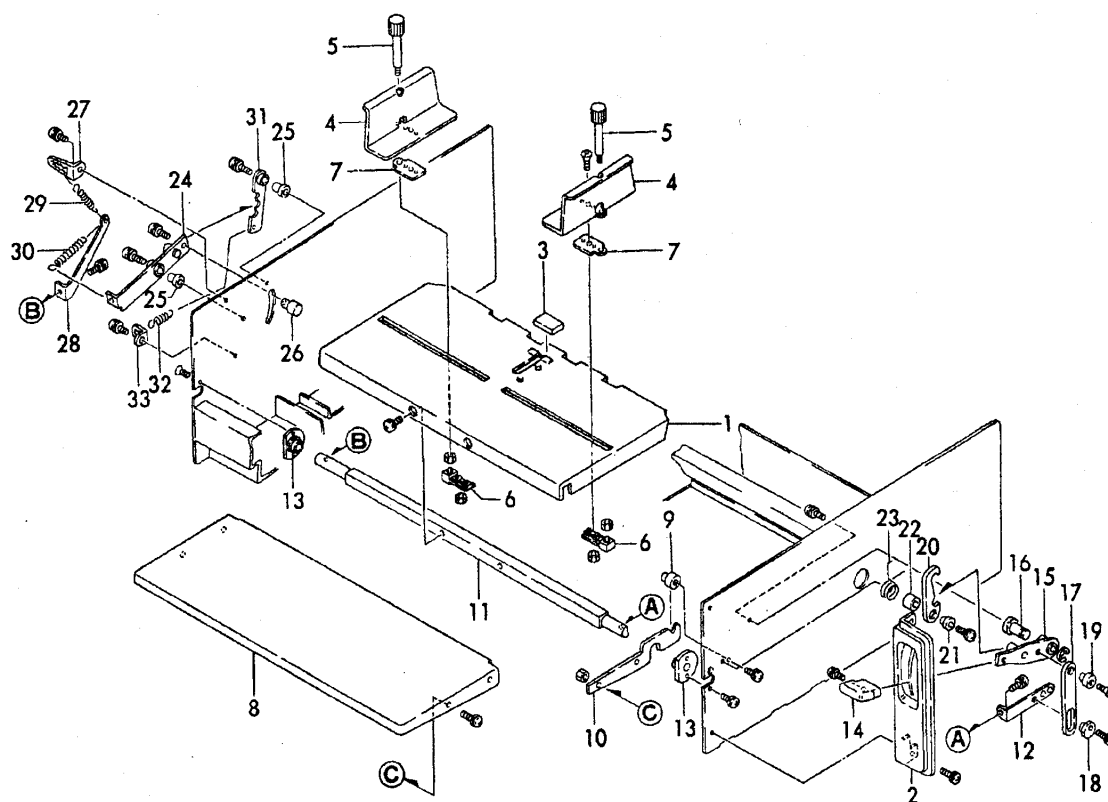
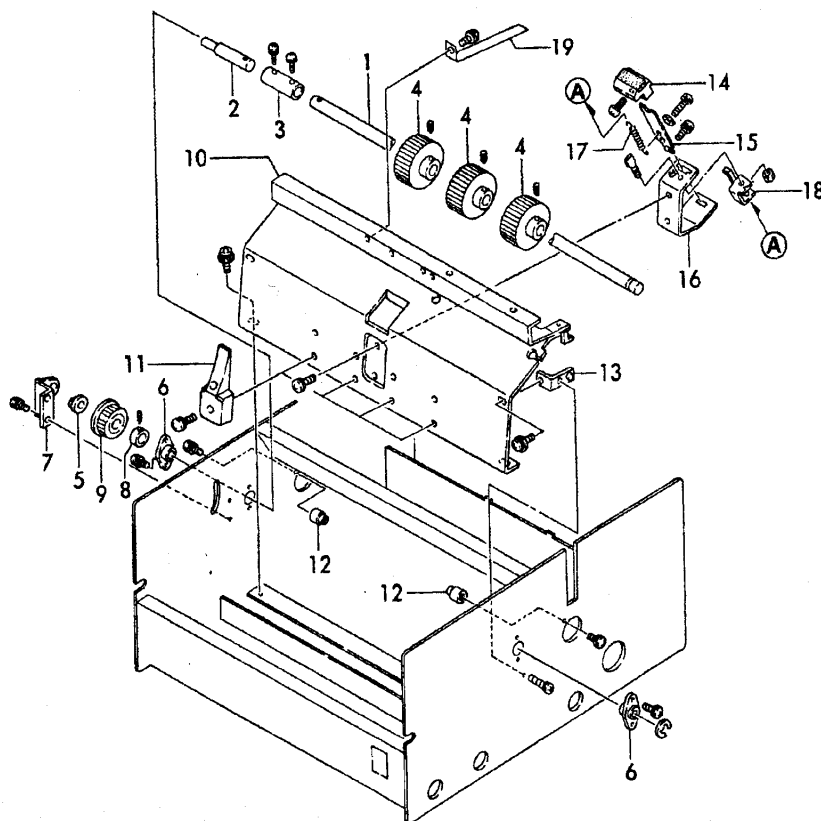


図 番 INDEX	部品番号 PARTS No.	部 品 名 称	DESCRIPTION	数量	備 考 Remarks
				Q'TY	
1	J1 - 10020	給紙板 unit	Feeding plate unit	1	
2	G6 - 10720	パネル	Panel	1	
3	26 - 22520	サバキ板	Separator plate	1	
4	G6 - 10070	給紙ガイド	Feed guide	2	
5	72 - 22160	セットネジ	Set screw	2	
6	26 - 21320	ガイド板	Guide plate	2	
7	90 - 27181	スライド板	Slide plate	2	
8	J1 - 10170	給紙補助板	Auxiliary feed plate	1	
9	G6 - 10180	柱	Pillar	2	
10	G6 - 10191	フック	Hook	2	
11	C9 - 22251	支点軸	Fulcrum shaft	1	
12	C9 - 22260	レバー	Lever	1	
13	G6 - 10230	軸受	Bearing	2	
14	G6 - 10260	ツマミ	Knob	1	
15	72 - 22310	給紙レバー unit	Feed lever unit	1	
16	72 - 22360	軸	Shaft	1	
17	C9 - 22360	リンク	Link	1	
18	C9 - 22370	偏心軸	Eccentric shaft	1	
19	Y4 - 08022	Y	Y collar	1	
20	72 - 22420	規制レバー	Lever	1	
21	Z4 - 08022	Z	Z collar	1	
22	72 - 22460	柱	Pillar	1	
23	72 - 22470	バネ To	Spring To	1	
24	G6 - 10481	レバー unit	Lever unit	1	
25	G6 - 10530	軸	Shaft	2	
26	G6 - 10540	ツマミ	Knob	1	
27	52 - 14380	アングル (大)	Angle (Large)	1	

I Feeding Mechanism I

[illegible]

II Feeding Mechanism II

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3. I Burst Roller Section I

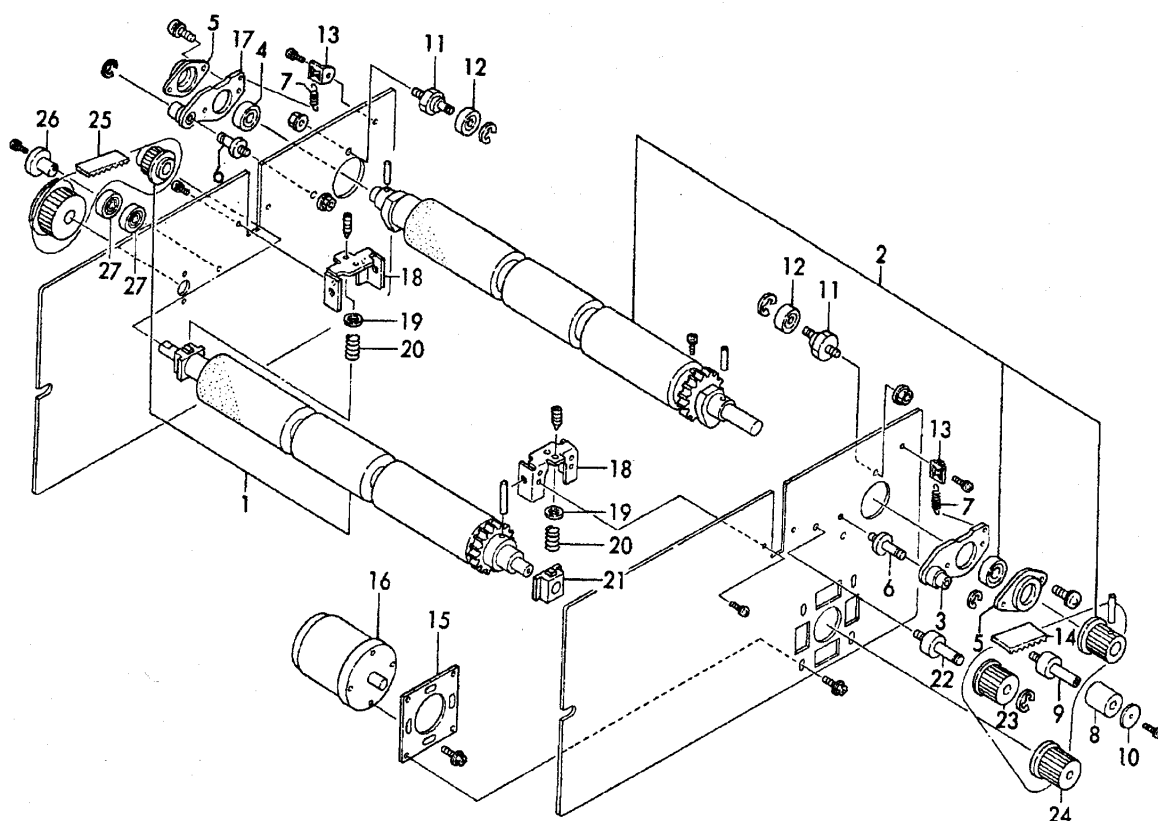
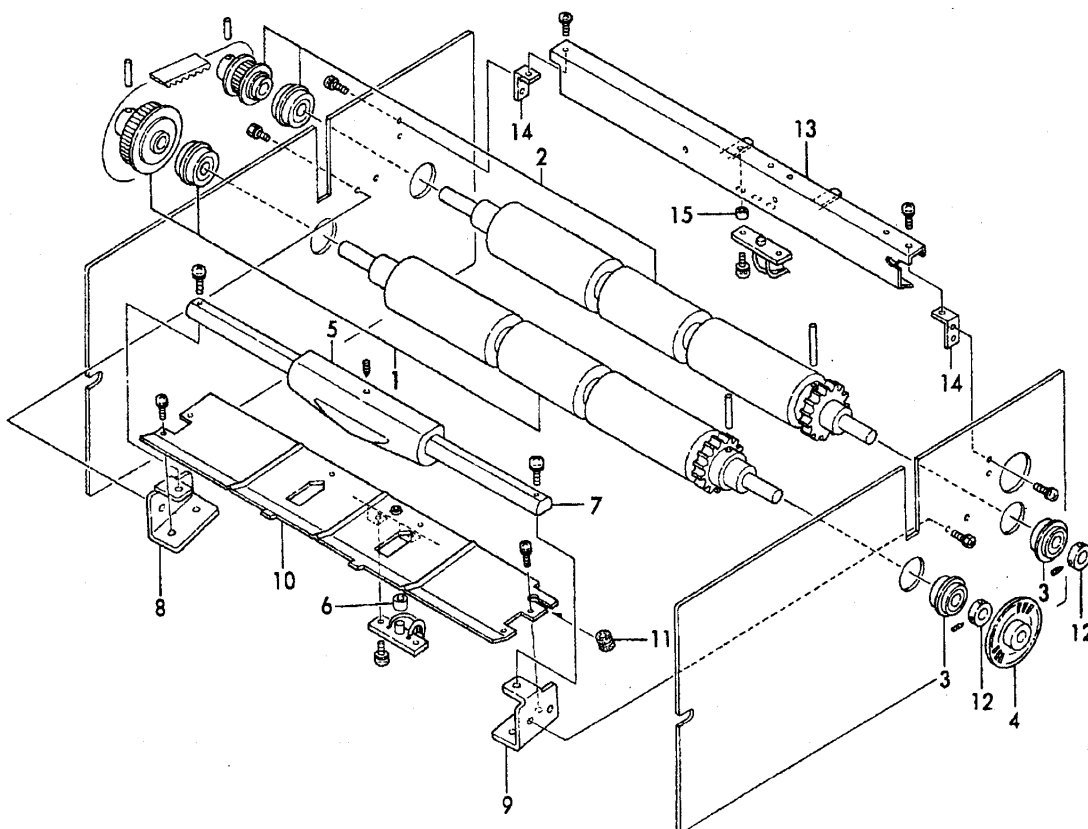
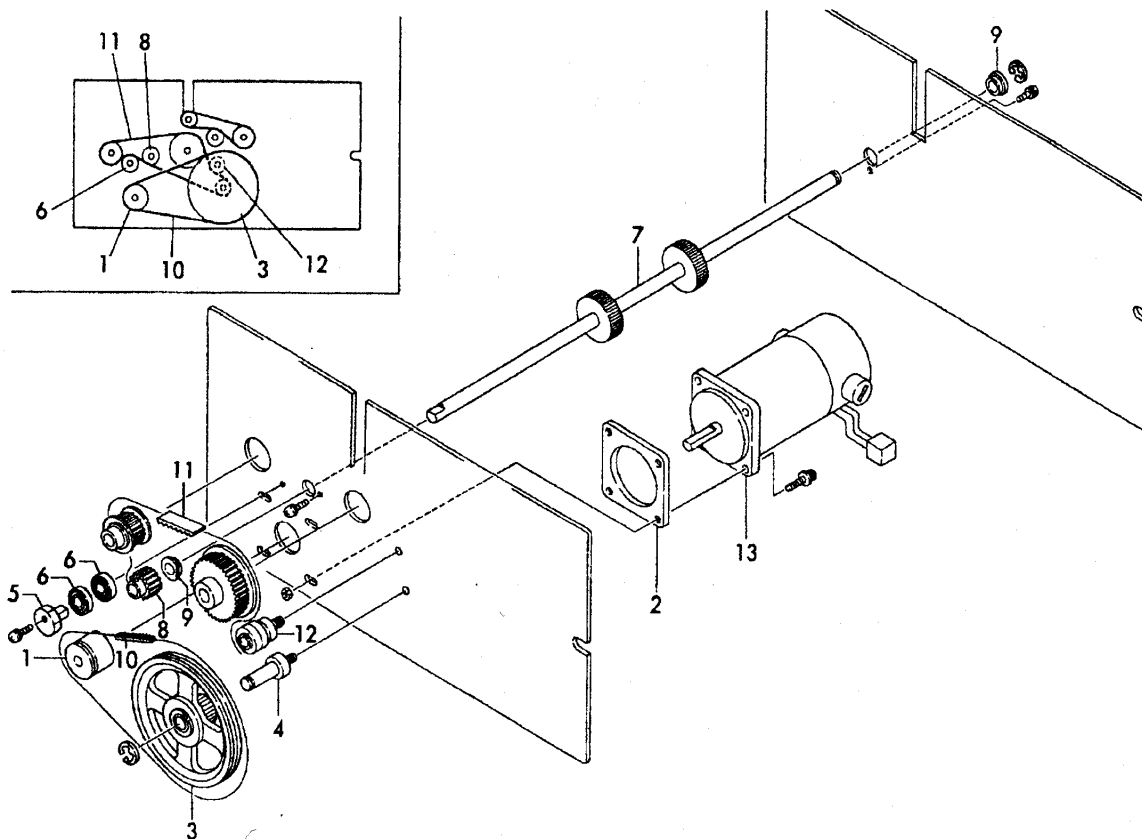


図 番 INDEX	部品番号 PARTS No.	部 品 名 称	DESCRIPTION	数量	備 考 Remarks
				Q'TY	
1	J1 - 20220	ロール Assy 3	Roll assy 3	1	
2	J1 - 20330	ロール Assy 4	Roll assy 4	1	
3	F2 - 10260	レバー unit R	Lever unit R	1	
4		ベアリング 6901ZZ	Bearing 6901zz	1	
5	72 - 11100	フタ	Lid	2	
6	F2 - 10370	軸	Shaft	2	
7	F2 - 10380	バネ T	Spring T	2	
8		ニードルベアリング	Needle bearing	1	
9	F2 - 10461	軸	Shaft	1	
10	F2 - 10470	板	Plate	1	
11	F2 - 10491	偏心軸	Eccentric shaft	2	
12	F2 - 10510	ゴムベアリング	Rubber bearing	2	
13	52 - 61290	小アングル	Angle	2	
14		タイミングベルト B100S5M255	Timing belt	1	
15	J1 - 21150	板	Plate	1	
16	H5 - X1010	ロータリーソレノイド	Rotary solenoid	1	
17	F2 - 10250	レバー unit L	Lever unit L	1	
18	F4 - 10160	ブラケット	Bracket	2	
19	D1 - 10170	座金	Washer	2	
20	C3 - 10700	バネ C	Spring C	2	
21	90 - 12130	軸受	Bearing	2	
22	J1 - 21170	軸	Shaft	1	
23	J1 - 21190	テンション unit	Tension unit	1	
24	J1 - 21240	プーリー unit	Pulley unit	1	
25		タイミングベルト B100S5M400	Timing belt	1	
26	F2 - 40110	偏心軸	Eccentric shaft	1	
27		ベアリング 6900ZZ	Bearing	2	

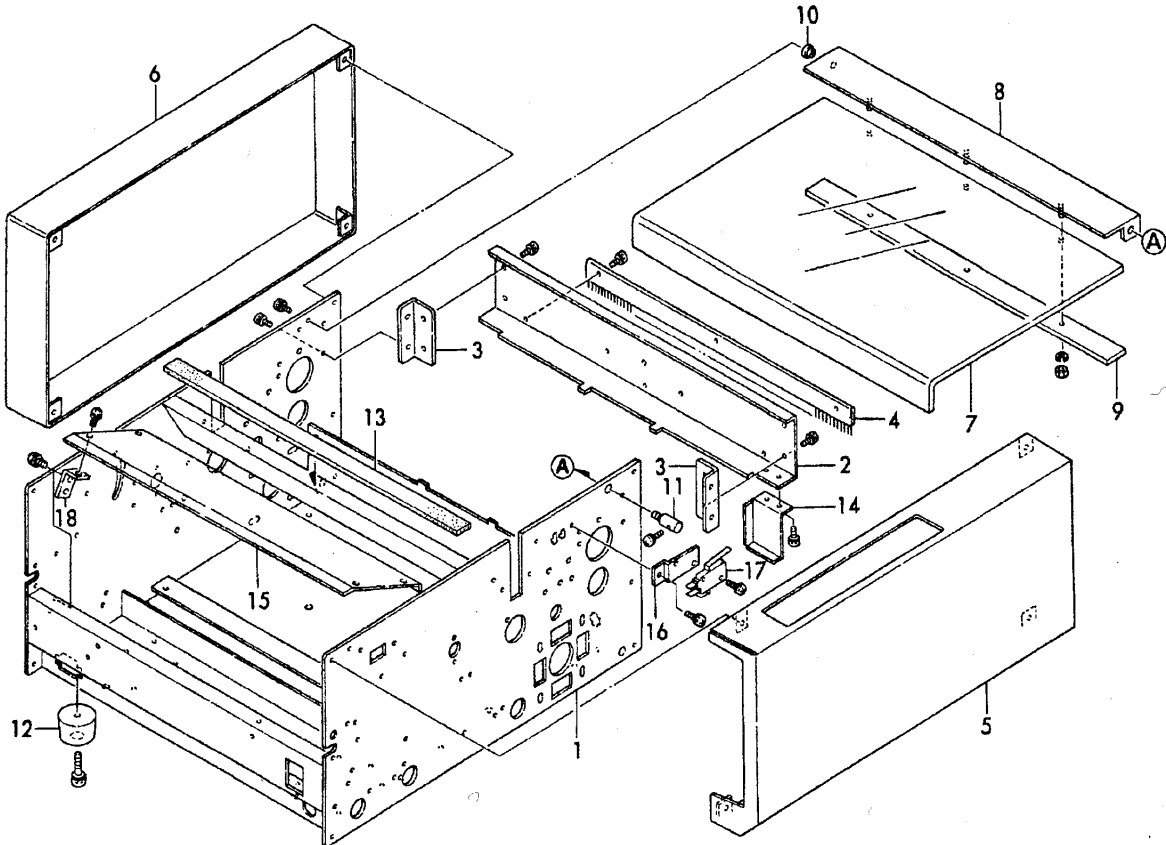
II Burst Roller Section II

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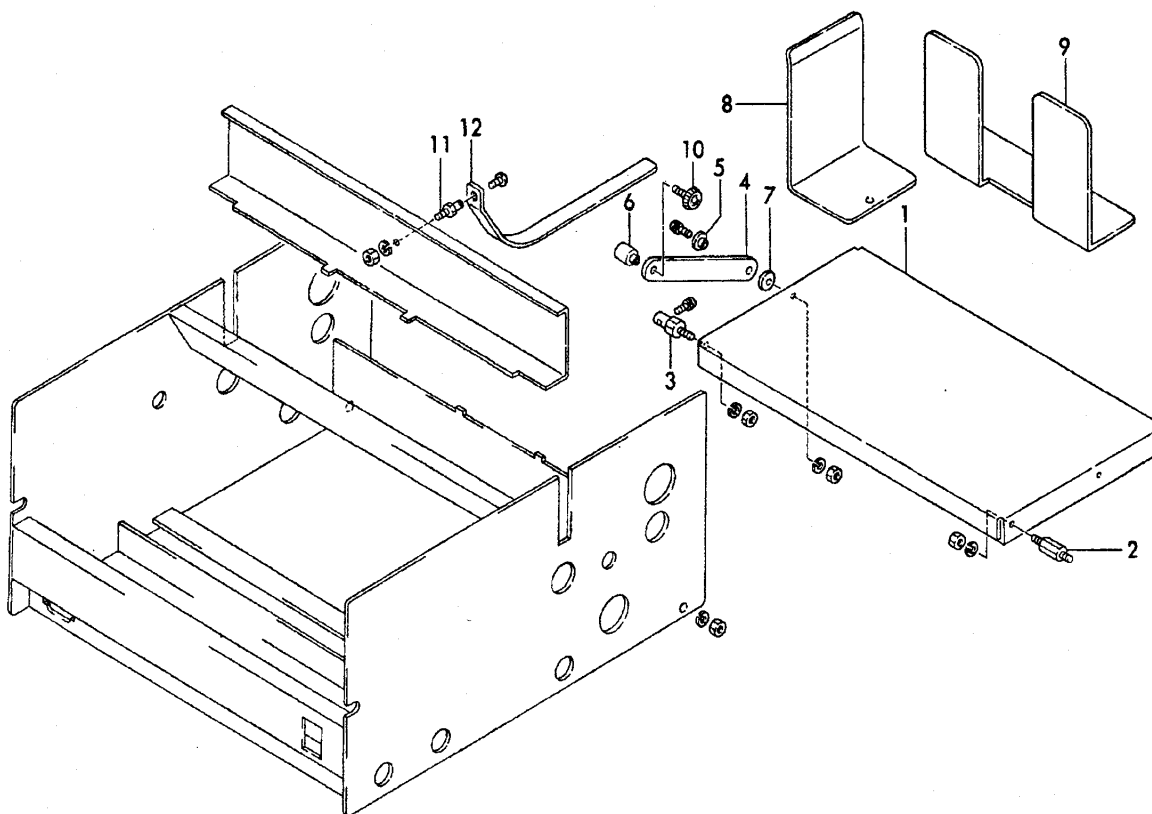
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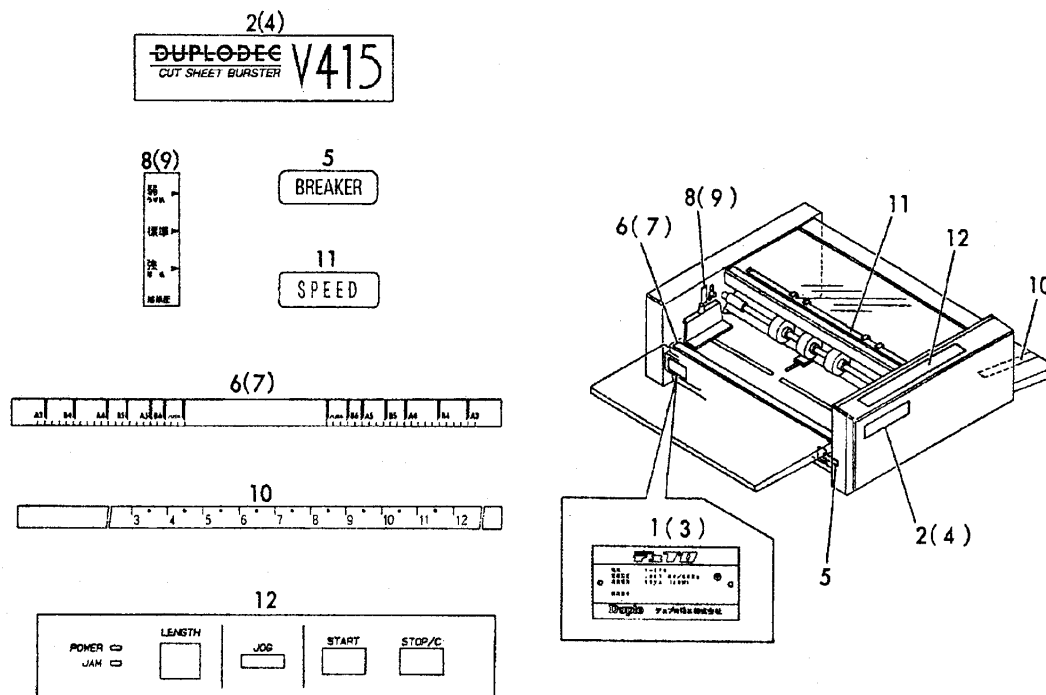
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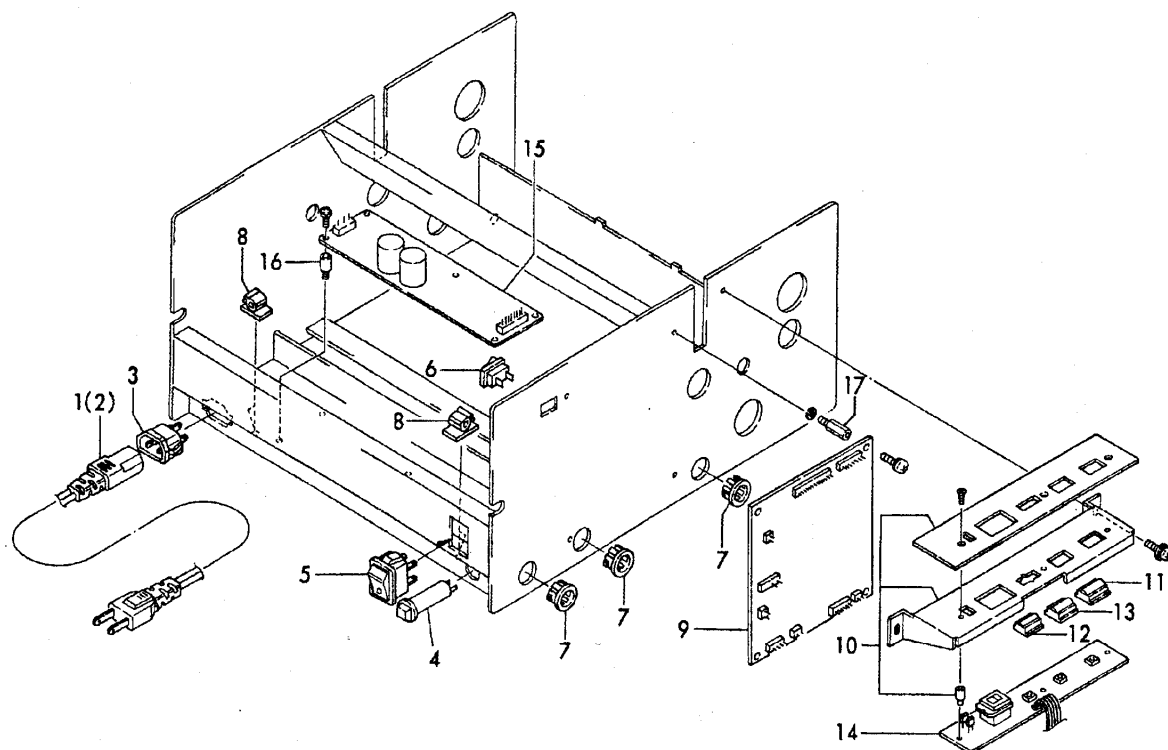
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8. Labels

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I Electric Section I

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